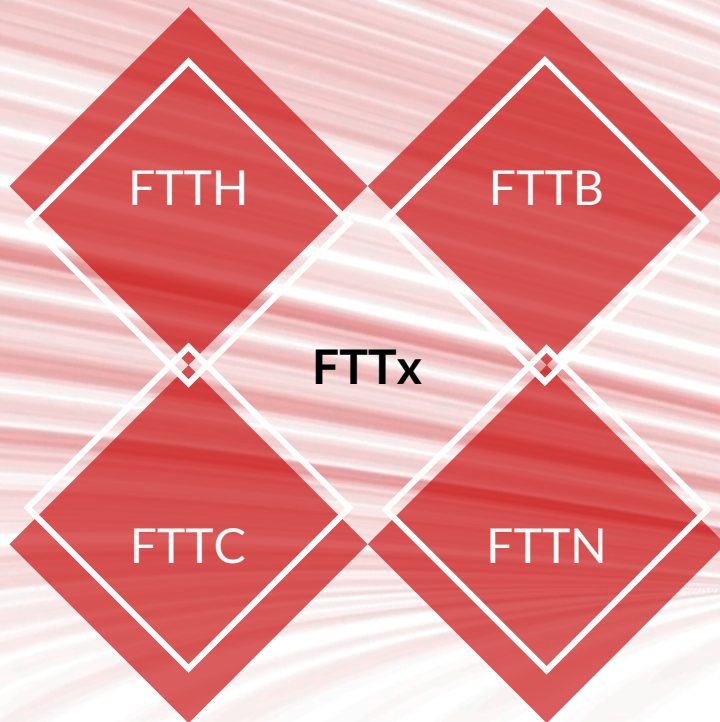




**FTTx Presentation**

[www.linx-com.com](http://www.linx-com.com)

# What is **FTTx**?

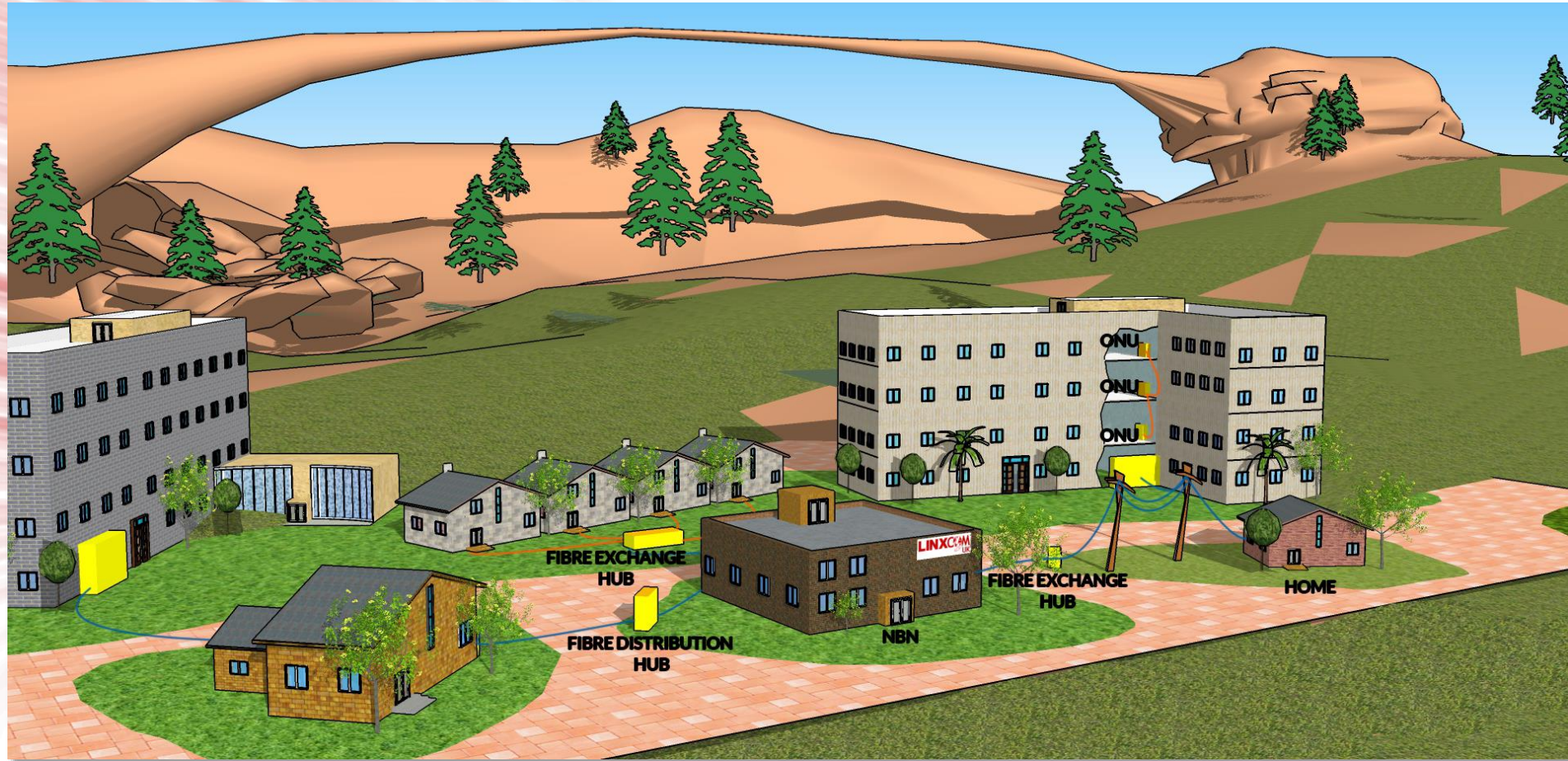


FTTx Comprises of the following 4 types:

- **FTTH** - Fibre To The Home
- **FTTB** - Fibre To The Building
- **FTTC** - Fibre To The Curb
- **FTTN** - Fibre to the Node/Neighbourhood



# Fibre To The X



This diagram shows the structure for a whole FTTx solution. In the following slides you will see how the installation is broken down using the different terminology.



# What is FTTH?

FTTH stands for Fibre to the Home

Used to provide fibre to the end consumer both commercially and domestic. It replaces the existing Copper Infrastructures such as Telephone Wires and Coaxial Cable, providing greater speeds of up to 100mbps.

Thousands more connections are being made every day as FTTH services grow in demand.





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# FTTH SOLUTIONS



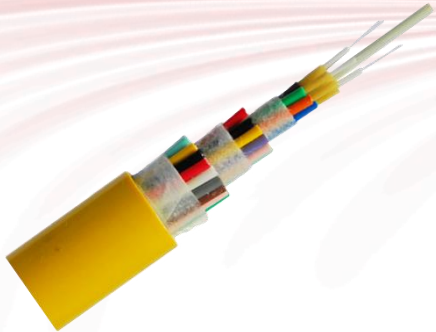
FIBRE DISTRIBUTION HUB



INDOOR TERMINAL BOX



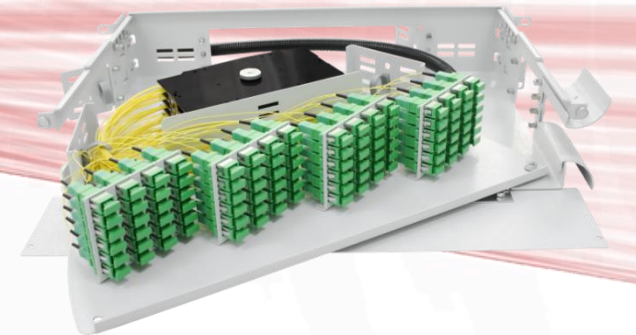
OUTDOOR TERMINAL BOX



BREAKOUT CABLE



LGX PATCH PANEL



HIGH DENSITY PATCH PANEL

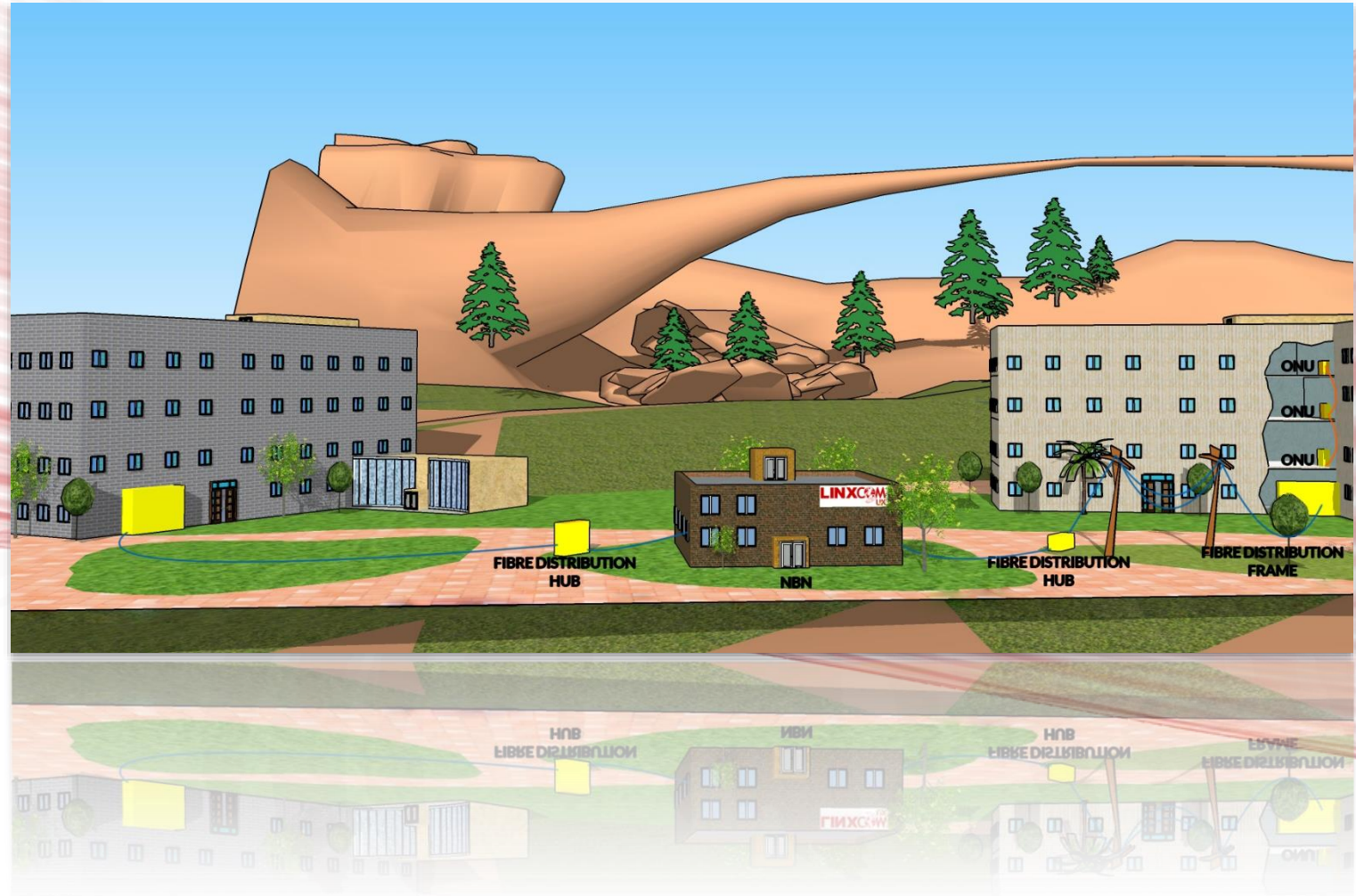


# What is **FTTB**?

**FTTB** stands for **Fibre to the Building**

It is used in installations where Fibre cable goes to a point within a shared property and the rest of the cabling is then fed to homes, offices or other spaces.

FTTB also uses active and passive optical networks to distribute signals.



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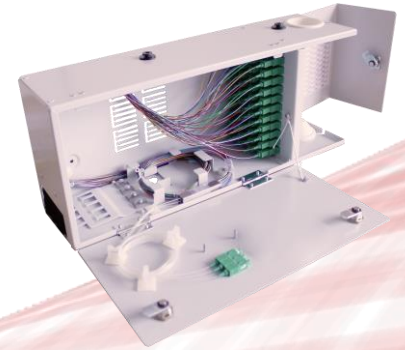
# FTTB SOLUTIONS



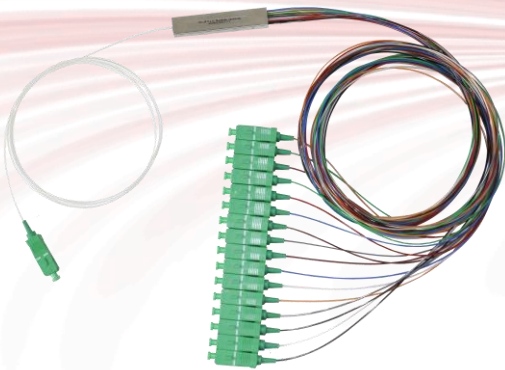
SHUTTED ADAPTORS



INDOOR WALL BOX



ITB MODEL 13



PLC SPLITTER MODULE



PRE-TERMINATED CABLE



INLINE ENCLOSURE



# What is FTTC?

FTTC stands for Fibre to the Curb.

FTTC doesn't necessarily refer to a concrete curb. It denotes the pole or hub that houses the comms devices. Coaxial Cables then send signals to the homes.

FTTC can serve customers within 1,000 ft. radius.



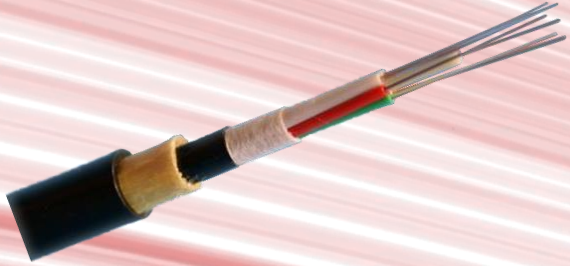


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# OUR PRODUCTS



# FTTC SOLUTIONS



ADSS AERIAL CABLE



OUTDOOR DX CABINET



OUTDOOR EX CABINET



CWDMS PANEL



FIBRE DISTRIBUTION HUB



OUTDOOR WALL BOX

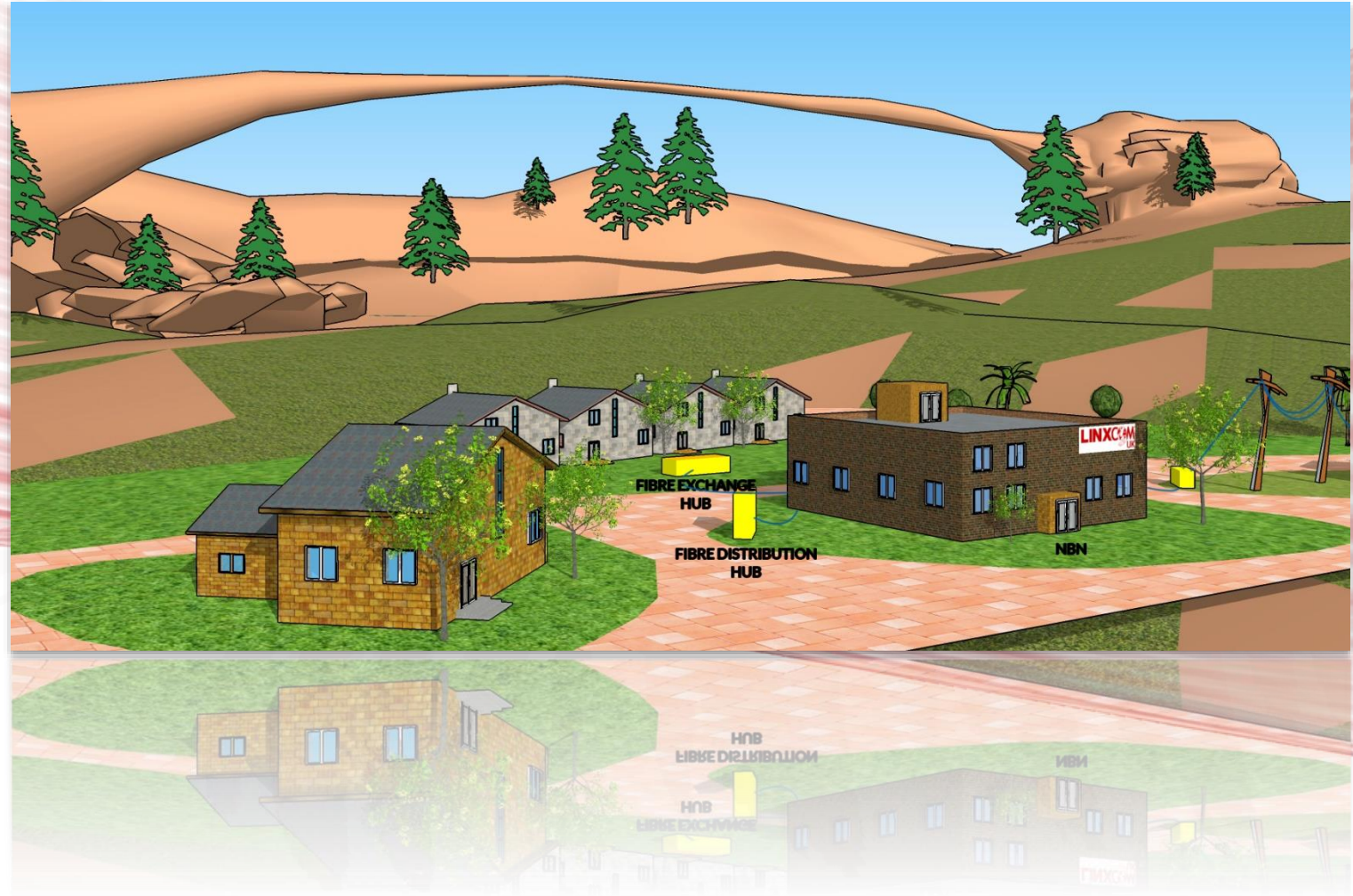


# What is **FTTN**?

FTTN stands for Fibre to the Node/Neighbourhood.

Serves a couple of hundred customers.  
Must be within 1mile /1.6km radius.  
Remaining distance will be used via DSL.

Customer proximity to the Node impacts the data rates they are receiving.





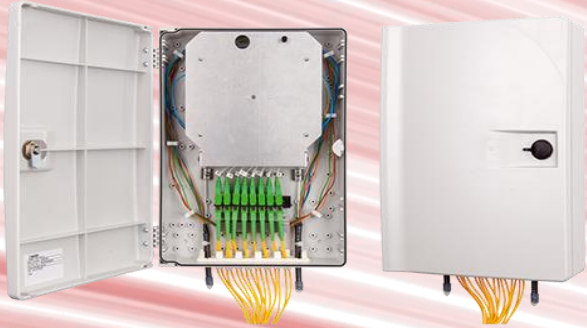
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# FTTN SOLUTIONS



POST MOUNT FFTX BOX 1



MOUNT FFTX BOX 8



MOUNT FFTX BOX 6



PLC SPLITTER



FIBRE DISTRIBUTION HUB



DISTRIBUTION BOX



# What is **PON**?

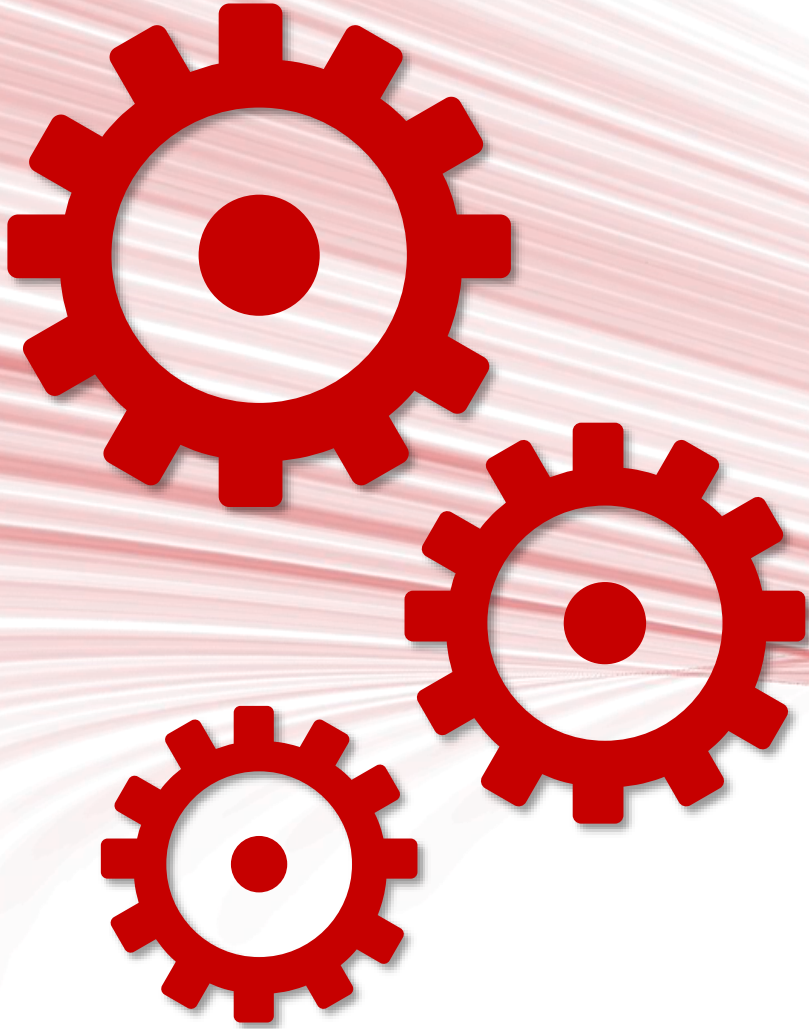


## PON stands for Passive Optical Networks

PON is used to provide fibre to the end consumer both commercially and domestic. It Features a Point-to-Multipoint structure. This means that a Single Optic Fibre can be split to serve multiple end points. This is usually referred to as the last point between the ISP and consumer.

PON's consist of Optical Line Terminals (OLTs), Optical Network Units (ONUs) or Optical Network Terminals (ONTs)

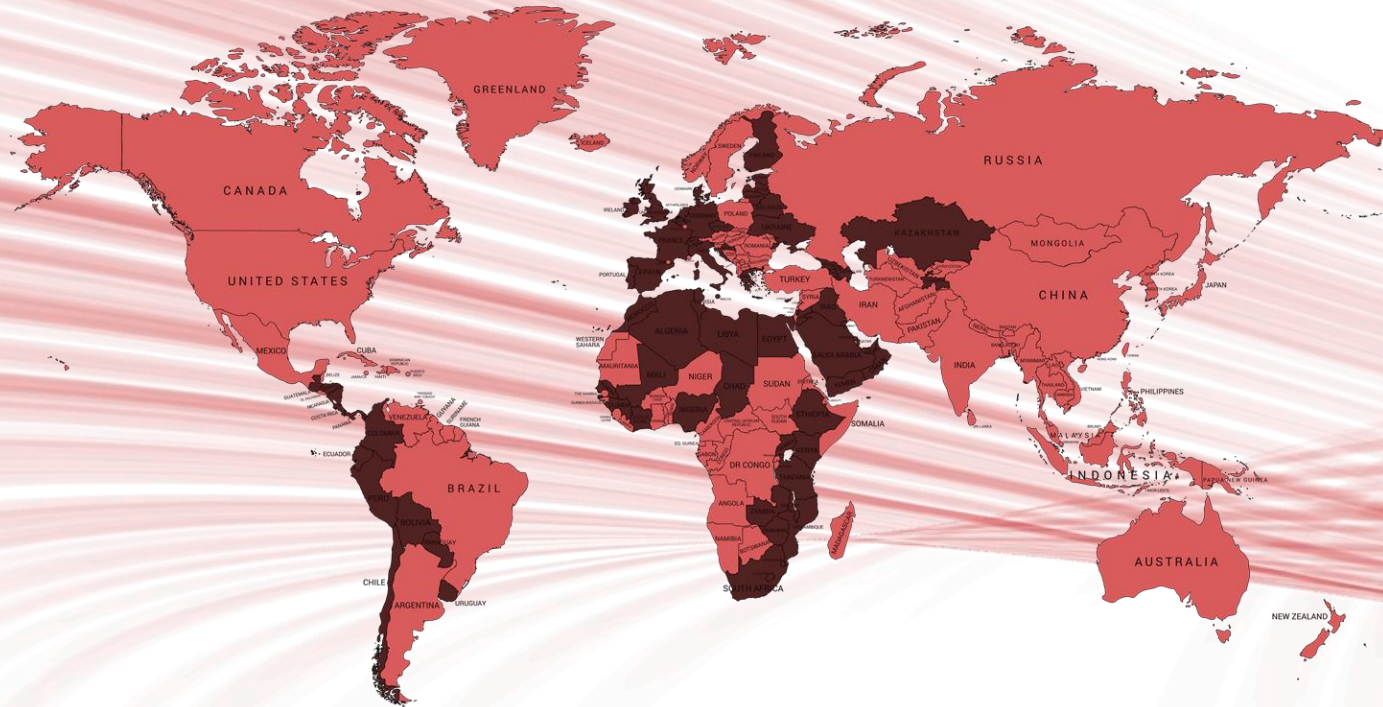




# OUR SOLUTIONS

**Whatever your needs, Linxcom UK has got you covered. We tailor make our products to your project needs.**

# OUR GLOBAL PROJECTS



With Partners in over 60+ Countries, our Global Distribution Network and Multi-Lingual Support staff can assist you in all your needs.

**APPROVED BY:**



**& MORE**



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# PROJECTS



Linxcom provided the complete Fibre Optic cable solution for the Palestine Techno Park Project



Linxcom ITB13 has been mounted in many basements by different Telecom Operators. Ooredoo was the last to buy this ITB solution



Linxcom provided 28km of ADSS cable for Enemalta in Malta



Linxcom IP54 Fibre Street Cabinet was installed in Bolivia (with a plinth option)

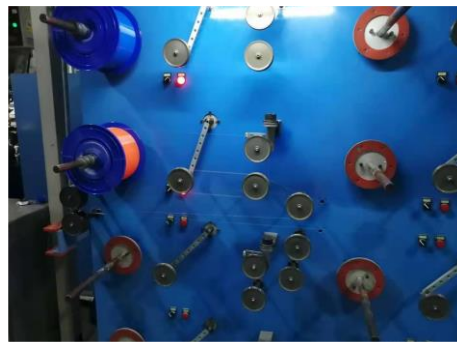


Linxcom has just secured with **du** for 100km of 2/4f Drop Cable



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# PRODUCTION LINE





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